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Summer

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1956

### Summer Course Catalog [1956]

St. Cloud State University

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# ST. CLOUD STATE TEACHERS COLLEGE BULLETIN



Summer Sessions

1956

# 1956

# Summer Sessions

## ST. CLOUD STATE TEACHERS COLLEGE

FIRST SESSION: June 11 to June 20      Registration: Monday, June 11

SECOND SESSION: July 23 to August 24      Registration: Saturday A.M., July 21

- Classes meet five days a week during the first session and six days a week, Monday through Saturday, during the second.

- Students attending the entire summer quarter should register for both sessions on Monday, June 11.

- A normal course load is 8 quarter hours for each session, or 16 quarter hours for the summer quarter. No student shall be permitted to carry in excess of 10 quarter hours during any one session.

- Students enrolling during the summer may take courses leading toward one of the following degrees:

—The **Master of Science in Education**—post-baccalaureate work for elementary and secondary teachers, and for elementary principals.

—The **Bachelor of Science**—for those who plan to teach in the elementary schools, in junior or senior high schools, or in such special subject fields as Business Education, Industrial Arts, Fine Arts, Music, or Physical Education.

—The **Bachelor of Arts**—the four-year liberal arts degree for students who do not plan to go into teaching.

—The **Associate in Education**—prepares for teaching in the elementary and rural schools. (Provisional Elementary Program)

—The **Associate in Arts**—the two-year liberal arts degree for students who have completed 96 quarter hours in general education.

—**Renewal of Certificates:** Students enrolling during the summer may earn credits for the renewal of a teaching certificate. These credits may also be applied toward a Provisional Elementary diploma or a four-year degree.

—**Veterans' Benefits:** St. Cloud State Teachers College has been designated by the Veterans Administration as an approved college for the training of veterans under the Servicemen's Readjustment Act of 1944 (Public Law 346 and 16), and also for the Readjustment Act of 1952 (Public Law 550).

STATE TEACHERS COLLEGE  
ST. CLOUD, MINNESOTA

OFFICE OF THE PRESIDENT

## Speaking Personally ---

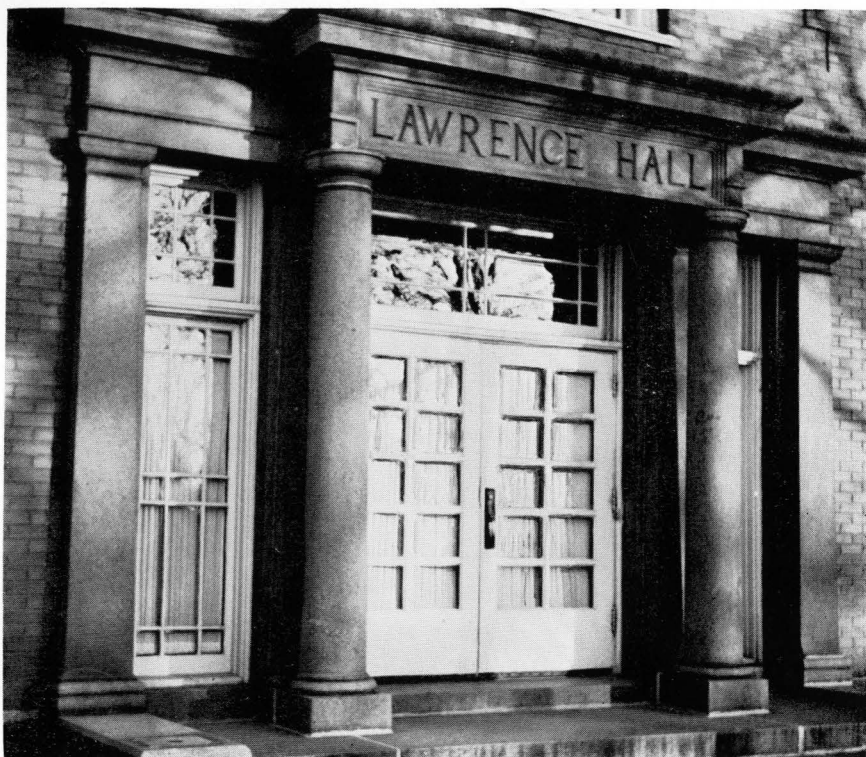
The summer quarter is a time of great opportunity. Not only is the weather at its best, but we have reason to think that the faculty is too. Certainly all things conspire to make summer study at St. Cloud State Teachers College a zestful experience.

The program for 1956 is varied, and, it is hoped, inspiring. Through the medium of courses, workshops, and seminars students of all ages will find opportunity to explore new fields and to seek possible solutions to vexing problems. Webster defines a student as "one who studies; a learner". That makes us all partners in this venture!

We invite you to share the summer with us.

A handwritten signature in cursive script that reads "George H. Budd". The signature is fluid and elegant, with a long, sweeping underline that extends to the left.

President



**LAWRENCE HALL**

# What it Costs...

## **LIVING ACCOMMODATIONS**

### **Rooms in Campus Residence Halls**

Double rooms in Lawrence Hall will be available for women who wish to live on the campus this summer.

The cost of room and board in Lawrence Hall is \$85 for the first session and \$70 for the second session. Meals will be taken in the College Cafeteria. Bills for room and board are payable before Wednesday noon during the first week of each session. Lawrence Hall will be open for occupancy at noon, Sunday, June 10. The first meal served will be breakfast on Monday, June 11.

Students wishing rooms in Lawrence Hall this summer should address their applications to the Dean of Women. A \$5 deposit should accompany the application. The application should make clear whether the room is desired for the first session, second session, or both. Checks should be made payable to the State Teachers College with five cents added for exchange. The deposit fee will be refunded if reservations are cancelled for the first session by June 1, or for the second session by July 16.

## Rooms in Private Homes

Rooms in private homes are available for men or women at rents of \$4 to \$6 a week per student. Addresses of approved homes may be obtained at the Student Personnel Office.

## College Cafeteria

The College Cafeteria will serve three meals a day, Monday through Saturday, and breakfast and dinner on Sunday. No meals will be served Sunday evenings.

# TUITION AND FEES

## Undergraduate Tuition

Per quarter hour .....	\$ 3
Minimum .....	\$10

## Graduate Tuition

Four quarter hours or less per session .....	\$35
More than four quarter hours per session .....	\$45

## Fees

Deposit fee .....	\$ 3
Activity fee per session .....	\$ 5
Non-resident fee (undergraduate only) per session .....	\$ 5
Physical Education courses per session .....	\$ 1
Fees for special instruction are charged for private instrumental or voice lessons.	





# What it Covers

## SPECIAL FEATURES

### Graduate Program

Approximately 65 courses will be available this summer for students enrolling for graduate work at St. Cloud State Teachers College. Courses are offered in each of the subject areas, as well as in professional education and general studies.

The Graduate Program is designed to provide advanced preparation for teaching at both the elementary and secondary school levels and for administration in the elementary schools. The research requirement is placed in a contributory position with respect to the improvement of teaching or administration. It is anticipated that many students will use problems that arise out of their on-the-job teaching experience as the basis for meeting research requirements.

Application for graduate work should be addressed to the Coordinator of Graduate Studies, State Teachers College, St. Cloud, Minnesota, well in advance of registration. Graduates of other colleges must arrange to have an official transcript sent by that college to the office of the Registrar at this college. More detailed information will be found in the Graduate Bulletin, which will be sent upon request.

### Library Science

The third sequence constituting the Library Science minor will be offered at St. Cloud State Teachers College during the first session. It will include Library Science 477, Functions of the School Library; 478, Use of Materials in the Elementary School Library; 479, Functions of the School Library II.

The Library Science minor is planned to meet the requirements of the State Department of Education for teacher-librarians of small high schools and elementary schools. Again this past school year numerous positions in the field of school librarianship within the state of Minnesota could not be filled because of the serious shortage of trained librarians.

### Art Workshop for Elementary Teachers

The intent of this course (Art 453-553 first session) is to give teachers who teach their own art an opportunity to experiment in and discuss the teaching of art — methods, techniques, media, materials, etc. — with those who have similar interests and problems, in a pleasant atmosphere conducive to creative work.

Dr. Madelon Powers, head of the art department in East Stroudsburg, Pennsylvania, will conduct the course. She is a graduate of the St. Cloud State Teachers College. Before completing her Doctor's degree at Teachers College, Columbia University, New York, she taught art at Sauk Centre, Minnesota.

### Seminar in School Health Education

This seminar (H. Ed. 530-first session) is designed to help graduate students interested in public school health education understand and use techniques commonly employed in critical studies in evaluation and/or research in this field. This seminar will discuss a basic philosophy, review general methods in problem-solving, investigate resources, survey major problems in the field, select and work upon a specific problem culminating in a master's project.

### Public Recreation

A course for recreation leaders: Sociology 222, Public Recreation. Useful for leaders of community recreational programs. Course will be taught by Mr. Loren Thorsen, Superintendent of Recreation, St. Cloud. (First Session)

## **Workshop in Audio-Visual Materials and Methods of Instruction**

Extensive Audio-Visual Center facilities, specialized audio-visual personnel, both resident and visiting, combine to provide unique work conference and activity opportunities for individualized or small group attack upon varied problems in the field of instructional materials. Help is available to audio-visual directors and building coordinators, administrators and teachers who wish to facilitate effective school use of audio-visual materials. (Educ. 570-first session)

## **Workshop in Conservation and Conservation Education**

Interest in and attention to conservation education is increasing in the State of Minnesota. To provide for both graduate and undergraduate students, a 4-credit conservation workshop is being offered which will be conducted jointly by the Science and Geography Departments, carrying credit as Science 455-555 or Social Studies 455-555. Opportunity will be provided to hear specialists in conservation and to discuss problems with them. Many activities designed to aid teachers will be provided. (Second Session)

## **Guidance and Counseling Workshop**

The purpose of this workshop (Psych. 400-500) will be to provide needed assistance in understanding and contributing to the total guidance program as provided by classroom teachers, administrators, and other personnel working in the areas of guidance. Classes will begin at 8:30 and end at 3:30 Monday through Friday for three weeks, beginning July 23 and ending August 10. Maximum enrollment 40 – limited to experienced teachers and administrators.

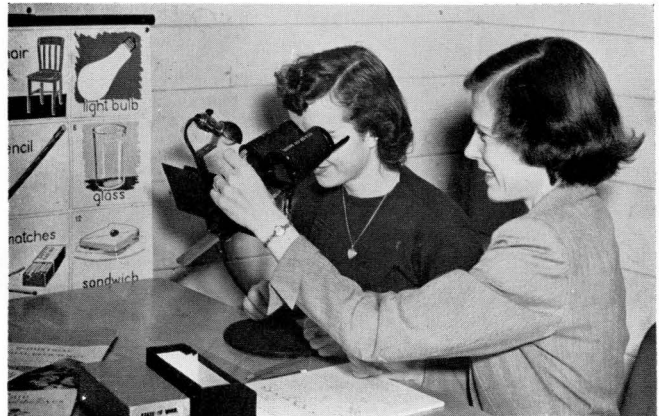
## **Seminar in Industrial Education**

Individual and group discussion of current problems, issues, and trends affecting the broad area of Industrial Education (Industrial Arts Education and Trade and Industrial Training). An appraisal of the effectiveness of present practices, methods, and professional organization, as well as of the impact of new industrial developments upon the future of this area will be made. (Ind. A. 510-second session)

Dr. Charles H. Sechrest, Associate Professor at Wayne University, Detroit, Michigan, will conduct the seminar. Dr. Sechrest, previous to joining the faculty at Wayne University, taught industrial arts for 18 years in the Detroit Public Schools.

## **Aviation Education Workshop**

A workshop designed to help teachers at all levels use the information and materials of aviation (1) as background for teaching in many related fields, (2) for preparing aviation units, or (3) for aviation classes. No previous experience in aviation is necessary. Classes and field work 9 a.m. - 4 p.m., July 23 - Aug. 10.











Wha



# There is to do

## RECREATION AND ENTERTAINMENT

### Concert and Drama Series

A substantial portion of the Student Activities money is put into a special fund to bring some of the nation's leading musicians, actors, and dancers to the campus throughout the year. Four outstanding attractions are usually scheduled for the summer sessions.

### Social Activities Program

The Social Activities Committee, composed of both students and faculty members, has set the dates for six different activities during the first summer session. The program is as follows:

	Date	Activity
Thursday,	June 14	Student-Faculty Reception
Monday,	June 18	Feature Movie
Wednesday,	June 20	Social Mixer
Thursday,	June 28	Tea and Book Review
Thursday,	July 12	Band Concert and Ice Cream Social
Tuesday,	July 17	Play

A similar program will be arranged for the second session.





# Schedule of Classes

## First Session

### ARTS AND MUSIC

7:30 A.M. — 8:50 A.M.

- Art 453-553—Workshop in Elem. School Arts (4 crs.)
- Ind 505—Handicrafts Seminar (2 crs.)
- Mus 220s—Harmony (4 crs.)
- Mus 550—Music for the Classroom Teacher (4 crs.)

9:00 A.M. — 10:20 A.M.

- Hum 123—Introduction to Music (3 crs.)
- Ind 530—Improvement of Instruction in Shop Subjects (2 crs.)
- Mus 101—Fundamentals of Music (1 cr.)
- Mus 360—Music and the Classroom Teacher (3 crs.)
- Mus 450—Small Vocal Ensemble (2 crs.)

10:30 A.M. — 11:50 A.M.

- Art 250—Principles of Art (3 crs.)
- Hum 121—Introduction to Art (3 crs.)
- Ind 321—Elementary School Industrial Arts (4 crs.)
- Ind 343—Ceramics (2 crs.)
- Mus 250s—Tchg. of Mus. in the Elem. School (4 crs.)
- Mus 451—Small Instrumental Ensemble (2 crs.)
- Mus 520—Analytical Technique (4 crs.)

1:10 P.M. — 2:30 P.M.

- Art 340—Painting for Pleasure (3 crs.) Double Period
- Art 544—Advanced Studio Work (4 crs.) Double Period
- Ind 321—Elementary School Industrial Arts (4 crs.)
- Ind 599—Master's Project (3 crs.)
- Mus 599—Master's Project (3 crs.)

### BUSINESS

7:30 A.M. — 8:50 A.M.

- Bus 230s—Basic Business (4 crs.)
- Bus 231s—Survey of Business (4 crs.)

9:00 A.M. — 10:20 A.M.

- Bus 300s—Survey of Business Law (4 crs.)
- Bus 435—Business Law (4 crs.)
- Bus 450-550—Business for General Education (4 crs.)

10:30 A.M. — 11:50 A.M.

- Bus 201—Typewriting (2 crs.)
- Bus 205—Personal Typewriting (0 cr.) M-F
- Bus 470-570—Income Tax Accounting (4 crs.)

1:10 P.M. — 2:30 P.M.

- Bus 206—Duplicating Skills (2 crs.) M-F
- Bus 207—Machine Calculation and Filing (2 crs.) M-F

### EDUCATION, PHILOSOPHY, AND PSYCHOLOGY

7:30 A.M. — 8:50 A.M.

- Ed 201—American Public School System (2 crs.)
- Ed 415-515—The Tchg. of Reading in the Prim. Grades (4 crs.)
- Ed 421-521—The Analysis and Correction of Reading Disabilities (4 crs.)
- Ed 436—History of Education in American Culture (4 crs.)
- Psy 484-584—Senior Seminar, Psy. of Personality (2 crs.)
- Phil 559—Problems in American Education (3 crs.)

9:00 A.M. — 10:20 A.M.

- Ed 250—The Tchg. of Reading in the Elem. School (4 crs.)
- Ed 345—Diagnostic and Evaluative Procedures (4 crs.)
- Ed 346—Directed Observation (4 crs.)
- Ed 366—Curriculum (3 crs.)
- Ed 468-568—Audio-Visual Materials and Methods of Instruction (4 crs.)
- Psy 121—Introductory Psychology (4 crs.)
- Psy 486—Psychometric Technique Binet (4 crs.) Double Period
- Psy 563—Advanced Educational Psychology (3 crs.)
- Psy 586—Psychometric Technique Binet (3 crs.) Double Period

10:30 A.M. — 11:50 A.M.

- Ed 201—American Public School System (2 crs.)
- Ed 345—Diagnostic and Evaluative Procedures (4 crs.)
- Ed 357s—Tchg. and Learning in the Elem. School (4 crs.)
- Ed 370—Junior High School Edu. (4 crs.)
- Ed 423-523—Practice in the Analysis of Reading Disabilities (4 crs.)
- Ed 450-550—School Law (3 crs.)
- Ed 478-578—Supervision of Student Tchg. in Elem. and Secondary Schools (4 crs.)
- Ed 570—Workshop in A-V Materials and Methods of Instruction (4 crs.)
- Psy 475-575—Abnormal Psychology (4 crs.)

1:10 P.M. — 2:30 P.M.

- Ed 216—Audio-Visual Equipment (1 cr.)
- Ed 250—Tchg. of Reading in the Elem. School (4 crs.)
- Ed 352—Kindergarten Education (4 crs.)
- Ed 356—Activity Units for Elem. Schools (4 crs.)
- Ed 366—Curriculum (3 crs.)
- Ed 416-516—Tchg. of Reading in the Int. Grades (4 crs.)
- Psy 262—Human Growth and Development (4 crs.)
- Psy 363s—Principles and Applications of the Psychology of Learning (4 crs.)
- Psy 464-564—Principles and Procedures in Guid. I (3 crs.)

## HEALTH AND PHYSICAL EDUCATION

### 7:30 A.M. — 8:50 A.M.

Health Educ. 530—Seminar in School  
Health Educ. (4 crs.)  
Physical Educ. 131—Stunts and Games  
(1 cr.)  
Physical Educ. 132—Individual Games  
(1 cr.)  
Physical Educ. 133—Folk Dancing (1 cr.)  
Physical Educ. 134—Folk Dancing (1 cr.)  
Physical Educ. 210—Elem. Technique in  
Phy. Educ. (1 cr.)  
Physical Educ. 230—Tennis (1 cr.)  
Physical Educ. 261—Dancing and Rhythms  
(2 crs.)

### 9:00 A.M. — 10:20 A.M.

Physical Educ. 136—Swimming (1 cr.)  
Physical Educ. 230—Tennis (1 cr.)  
Physical Educ. 233—Rhythmic  
Fundamentals (1 cr.)  
Physical Educ. 238—Archery (1 cr.)  
Physical Educ. 450-550—Curriculum in  
Phy. Educ. (4 crs.)

### 10:30 A.M. — 11:50 A.M.

Health Educ. 338—Methods and Materials  
in HE (4 crs.)  
Physical Educ. 132—Individual Games  
(1 cr.)  
Physical Educ. 136—Swimming (1 cr.)  
Physical Educ. 238—Archery (1 cr.)  
Physical Educ. 255—Coaching Football  
(2 crs.)  
Physical Educ. 411-511—Organization and  
Development of PE in the Elem.  
School (4 crs.)

### 1:10 P.M. — 2:30 P.M.

Physical Educ. 138—Swimming (1 cr.)  
Physical Educ. 235—Square Dancing (1 cr.)  
Physical Educ. 330—Golf (1 cr.)

## LANGUAGES AND LITERATURE

### 7:30 A.M. — 8:50 A.M.

Comm 131—Communication (4 crs.)  
Comm 233—Communication (4 crs.)  
Eng 352—The Tchg. of the Lang. Arts  
in the H. S. (4 crs.)  
Eng 552—Language Arts Problems (4 crs.)  
Eng 555—Individual Studies (2-4 crs.)  
Speech 482—Speech Pathology II (3 crs.)  
Lib. Sci. 477—The School Lib. in the  
Reading Program (4 crs.)

### 9:00 A.M. — 10:20 A.M.

Comm 233—Communication (4 crs.)  
Eng 251—Children's Literature (4 crs.)  
Eng 420-520—World Literature (4 crs.)  
Speech 331—Reading Orally (3 crs.)  
Speech 381—Speech Pathology I (3 crs.)  
Lib. Sci. 478—Use of Materials in the  
Elem. School Lib. (2 crs.)

### 10:30 A.M. — 11:50 A.M.

Comm 132—Communication (4 crs.)  
Comm 233—Communication (4 crs.)  
Comm 500—Introduction to Research  
(2 crs.)  
Eng 433—Descriptive Grammar (4 crs.)  
Speech 241-242—Recreational Dramatics  
(3,4 crs.)  
Speech 320—Public Speaking (4 crs.)  
Speech 383—Elements of Sp. Correction  
for the Classroom Teacher (4 crs.)  
Lib. Sci. 479—Functions of the School  
Library (2 crs.)

### 1:10 P.M. — 2:30 P.M.

Comm 500—Introduction to Research (2 crs.)  
Eng 251—Children's Literature (4 crs.)  
Eng 443—The Survey of American  
Literature (4 crs.)  
Speech 440—Advanced Play Production  
(2 crs.)

## MATHEMATICS AND SCIENCE

### 7:30 A.M. — 8:50 A.M.

Math 121—Cultural Mathematics (4 crs.)  
Math 224—Trigonometry (5 crs.)  
Math 451—Prof. Subj. Matter for Jr. &  
Sr. H. S. Math. (4 crs.)  
Biol 341—Entomology (3 crs.) Lab. TTh  
Sci 101—Life and Environment (4 crs.)  
Lab. MW  
Sci 103—Transformation and Use of Energy  
(3 crs.) M-F  
Sci 402-502—Modern Biological Concepts  
(3 crs.) TTh Lab. MWF

### 9:00 A.M. — 10:20 A.M.

Math 450-559—Recent Trends in  
Arithmetic (4 crs.)  
Biol 547—Ecology Problems (2-4 crs.)  
Sci 324—Sci. Experiences for the Elem.  
Teacher (4 crs.) M-F  
Phys 233—Heat, Light, and Sound (3 crs.)  
MW, Lab. TTh

### 10:30 A.M. — 11:50 A.M.

Math 121—Cultural Mathematics (4 crs.)  
Math 425-525—College Geometry (4 crs.)  
Biol 345—Local Flora (3 crs.) MW, Lab.  
TTh  
Sci 101—Life and Environment (4 crs.)  
TTh, Lab. MWF  
Sci 104—Human Biology (3 crs.) MW,  
Lab TTh  
Sci 324—Sci. Experiences for Elem.  
Teachers (4 crs.) M-F  
Sci 510—Science Colloquium (1 cr.)

### 1:10 P.M. — 2:30 P.M.

Sci 102—Transformation and Use of Mater-  
ials (3 crs.) TTh, Lab. TTh  
Sci 104—Human Biology (3 crs.) MW,  
Lab. TTh  
Sci 307—Field Geology (4 crs.) (and Sat.)  
Sci 324—Sci. Experiences for Elem.  
Teachers (4 crs.) M-F  
Sci 599—Master's Project (3 crs.)



## SOCIAL STUDIES

7:30 A.M. — 8:50 A.M.

Econ 473-573—Labor Economics (4 crs.)  
Geog 171—Regional Human Geography (4 crs.)  
Hist 417-517—French Revolution and Napoleon (3 crs.)  
Pol Sci 482—International Organization (3 crs.)

9:00 A.M. — 10:20 A.M.

Hist 346—Minnesota History (4 crs.)  
Soc 222—Public Recreation (3 crs.)

10:30 A.M. — 11:50 A.M.

Econ 272s—Principles of Economics (4 crs.)  
Geog. 476—Geography of Africa (4 crs.)  
Soc. Sci 101—Economic Problems (3 crs.)  
Soc St 363—The Dynamics of American Culture (4 crs.)

1:10 P.M. — 2:30 P.M.

Hist 331—Ancient World (4 crs.)  
Hist 552—Historiography (2 crs.)  
Pol. Sci 486—Political Parties (2 crs.)  
Soc 467-567—Cultural Anthropology (4 crs.)

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## Second Session

### ARTS AND MUSIC

7:30 A.M. — 8:50 A.M.

Art 250—Principles of Art (3 crs.)  
Ind 417-517—Organization and Admin. of Ind. Arts (3 crs.)  
Mus 360—Music and the Classroom Teacher (3 crs.)

9:00 A.M. — 10:20 A.M.

Art 236—Crafts (4 crs.) Double Period  
Ind 321—Elementary School Industrial Arts (4 crs.)  
Ind 431-531—Evaluation in Industrial Subjects (2 crs.)  
Mus 250s—The Tchg. of Mus. in the Elem. School (4 crs.)

10:30 A.M. — 11:50 A.M.

Ind 510—Seminar in Industrial Education (2 crs.)

### BUSINESS

7:30 A.M. — 8:50 A.M.

Bus 316—Business Communication (4 crs.)  
Bus 437—Business Law (4 crs.)

9:00 A.M. — 10:20 A.M.

Bus 202—Typewriting (2 crs.) M-S  
Bus 401—Office Practice and Office Machines (4 crs.)  
Bus 580—Backgrounds of Business Education (3 crs.)

10:30 A.M. — 11:50 A.M.

Bus 446-546—Consumer Education (4 crs.)

1:10 P.M. — 2:30 P.M.

Bus 206—Duplicating Skills (2 crs.) M-F

### EDUCATION, PHILOSOPHY, AND PSYCHOLOGY

7:30 A.M. — 8:50 A.M.

Ed 216—Audio-Visual Equipment Operation (1 cr.)  
Ed 474-574—Educational Administration (4 crs.)  
Ed 560—Elementary School Curriculum (3 crs.)  
Psy 121—Introductory Psychology (4 crs.)  
Psy 262—Human Growth and Development (4 crs.)  
Psy 363s—Principles and Applications of Psy. of Learning (4 crs.)  
Psy 400-500—Guidance and Counseling Workshop (4 crs.) 8:30-3:30

9:00 A.M. — 10:20 A.M.

Ed 250—The Tchg. of Reading in the Elem. School (4 crs.)  
Ed 371—Education of Exceptional Children (4 crs.)  
Ed 357s—Tchg. and Learning in the Elem. School (4 crs.)  
Ed 497-597—Aviation Education Workshop (4 crs.) 9:00 - 4:00  
Ed 596—Elementary School Supervision (3 crs.)  
Psy 443—Psychology of Adolescence (4 crs.)

10:30 A.M. — 11:50 A.M.

Ed 345—Diagnostic and Evaluative Procedures (4 crs.)  
Ed 366—Curriculum (3 crs.)  
Ed 441—Psychology of Childhood (4 crs.)  
Ed 567—Human Relations (3 crs.)  
Ed 592—Elementary School Administration (3 crs.)

### HEALTH AND PHYSICAL EDUCATION

7:30 A.M. — 8:50 A.M.

Physical Educ. 131—Stunts & Games (1 cr.)  
Physical Educ. 132—Individual Games (1 cr.)  
Physical Educ. 133—Folk Dancing (1 cr.)  
Physical Educ. 230—Tennis (1 cr.)  
Physical Educ. 238—Archery (1 cr.)

9:00 A.M. — 10:20 A.M.

Physical Educ. 126—Gymnastic Stunts (1 cr.)  
Physical Educ. 132—Individual Games (1 cr.)  
Physical Educ. 151—Gymnastic Stunts (2 crs.)  
Physical Educ. 230—Tennis (1 cr.)  
Physical Educ. 233—Rhythmic Fundamentals (1 cr.)  
Physical Educ. 238—Archery (1 cr.)  
Physical Educ. 411—Org. and Dev. of PE in the Elem. School (4 crs.)  
Physical Educ. 552—Tests and Measurements in Phy. Ed. (4 crs.)

10:30 A.M. — 11:50 A.M.

Health Educ. 115—Personal Hygiene (2 crs.)  
Physical Educ. 123—Curriculum (1 cr.)  
Physical Educ. 129—Swimming (1 cr.)  
Physical Educ. 134—Folk Dancing (1 cr.)  
Physical Educ. 230—Tennis (1 cr.)  
Physical Educ. 259—Swimming (2 crs.)  
Physical Educ. 560—Problems in Physical Education (4 crs.)

1:10 P.M. — 2:30 P.M.

Physical Educ. 235—Square Dancing (1 cr.)

## LANGUAGES AND LITERATURE

### 7:30 A.M. — 8:50 A.M.

Comm 233—Communication (4 crs.)  
Eng 555—Individual Studies (4 crs.)  
Speech 326—Argumentation, Discussion,  
and Debate (4 crs.)

### 9:00 A.M. — 10:20 A.M.

Comm 131—Communication (4 crs.)  
Comm 500—Introduction to Research  
(2 crs.)  
Eng 270—The Art of Literature (4 crs.)  
Speech 321—Conducting a Meeting (1 cr.)

### 10:30 A.M. — 11:50 A.M.

Comm 132—Communication (4 crs.)  
Eng 251—Children's Literature (4 crs.)  
Eng 444—Survey of American Literature  
(4 crs.)  
Speech 521—Persuasion (3 crs.)

## Mathematics and Science

### 7:30 A.M. — 8:50 A.M.

Math 351—Tchg. of Arith. in the Elem.  
School (2 crs.)  
Biol 347—Ornithology (3 crs.) MW,  
Lab. TTh  
Biol 547—Ecology Problems (2-4 crs.)  
Sci 104—Human Biology (3 crs.) WM,  
Lab. TTh  
Sci 324—Sci. Experiences for Elem.  
Teachers (4 crs.) M-F

### 9:00 A.M. — 10:20 A.M.

Ed 580—Statistical Methods in Education  
(3 crs.)  
Sci 324—Sci. Experiences for Elem.  
Teachers (4 crs.) M-F  
Sci 510—Science Colloquium (1 cr.)  
Sci Ed 451-551—Tchg. Sci. in Elem.  
Schools (3 crs.) M-F

### 10:30 A.M. — 11:50 A.M.

Math 121—Cultural Mathematics (4 crs.)  
Sci 101—Life and Environment (4 crs.)  
TTh, Lab. MWF  
Sci 105—Use of Matter and Energy  
(3 crs.) M-F  
Sci 455-555—Workshop in Conservation  
and Conservation Education (4 crs.)  
Field Arr.  
Sco 599—Master's Project (3 crs.)

## SOCIAL STUDIES

### 7:30 A.M. — 8:50 A.M.

Geog 171—Regional Human Geography  
(4 crs.)  
Hist 437-537—Two World Wars, 1912-1953  
(4 crs.)  
Pol Sci 501—The Western Political  
Heritage (3 crs.)  
Soc Sci 102—Political Problems (3 crs.)

### 9:00 A.M. — 10:20 A.M.

Geog 376—Geography of Minnesota  
Hist 316—The Nineteenth Century,  
1815-1914 (4 crs.)  
Hist 400-500—Special Problems in History  
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